

Bacteriology
Biochemistry
Food Research



University of Idaho

College of Agriculture
Agricultural Experiment Station
Department of Bacteriology & Biochemistry
Moscow, Idaho/83843

December 10, 1980

Mr. David Eaton
Baker Industries Corporation
P.O. Box 17
Conda, ID 83230

Dear Mr. Eaton:

Enclosed is the proposal for the operation of the Fluorine Survey Study in 1981, prepared in accordance with discussions at the November 12 and 13 meetings in Soda Springs and Pocatello. A small increase in funds is requested in order to cover the increased costs of supplies and travel. This is the first increase requested in the past five years.

Please confirm your organization's support of the 1981 study. It is hoped your organization can contribute the increased amount indicated in the enclosed proposal. At a later date I will send you a statement covering your contribution to this program.

Very truly yours,

A. C. Wiese
Professor of Biochemistry

ACW/cb

FLUORIDE STUDY FOR 1981

in the

POCATELLO AND SODA SPRINGS AREAS

The 1980 survey study in Bannock, Caribou and Power Counties showed that the fluoride levels of vegetation, grown in the vicinity of the manufacturing plants processing phosphate ore, were lower than in 1979. The average fluoride levels of alfalfa and grass samples collected in these counties were lower than they have been for the past several years. During the 1980 growing season, rainfall in these areas was much higher than normal and this contributed in large part to the reduction of the fluoride levels.

The Idaho Department of Health and Welfare has new standards for the control of emission of fluorides from plants processing phosphate ore. The Survey Studies should be continued in order to determine the effect of the new emission standards on the fluoride levels of vegetation.

On November 12 and 13 meetings were held in Soda Springs and Pocatello to present and discuss the results of the 1980 study. The people attending these meetings expressed a unanimous opinion that the studies be continued in 1981.

The program for 1981 will be similar to that for the past several years. In Bannock and Power Counties, at least four samplings of vegetation will be made during the period April to September; while in the Soda Springs area two or three samplings will be made in June, July and August.

The total cost of the program will be \$20,150.00 with the State Department of Health and Welfare contributing \$9,000.00. The division of this cost among the agencies and organizations in Bannock, Caribou and Power Counties is as follows:

Bannock and Power Counties

FMC Corporation	\$1700.00
J. R. Simplot Company	1700.00
Bannock County	1600.00
Power County	850.00
TOTAL	\$5850.00

Caribou County

Caribou County	\$1500.00
Baker Industries Corporation	1500.00
Monsanto Company	1500.00
Alumet	800.00
TOTAL	\$5300.00

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